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BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2014-15/

Date: 12-03-2015

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*:Improvements and Asphalting to Anand layout balance roads in Ward No.09 of Vidyaranyapura Sub-Division}

Ref.: Letter No. Testing/BUB/2014-15, dated 10-03-2015

Sample supplied to lab by: Sri.B.B.Umesh, Contractor, Bangalore.

Report required for: Assistant Executive Engineer, Vidyaranyapura Sub-Division. BBMP, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
45.00	**96.50**	95-100
26.50	**---**	-
22.40	**73.80**	60-80
11.20	**42.00**	40-60
4.75	**34.20**	25-40
2.36	**23.00**	15-30
0.600	**17.80**	8-22
0.075	**4.30**	0-8

*As Furnished by Client

The Results relate only to the items tested

Accepted

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

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12/3/2015

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BUB/CTE/2014-15/ **Date: 22-04-2015**

TEST REPORT ON BITUMINOUS MIXES
(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: Testing of Bitumen Premix Sample (Semi Dense Bituminous Concrete-SDBC).
{Project*:Improvements and Asphalting to Anand layout balance roads in Ward No.09 of Vidyaranyapura Sub-Division}

Ref.: Letter No. Testing/BUB/2014-15, dated 20-04-2015

Sample supplied to lab by: Sri.B.B.Umesh, Contractor, Bangalore.

Report required for: Assistant Executive Engineer, Vidyaranyapura Sub-Division. BBMP, Bangalore.

TEST RESULTS:

11. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.06 %**
12. **Gradation Test** :

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-15 of MORTH Specifications-2001 (Grading – 2)
13.2	**100**	100
9.5	**95.80**	90—100
4.75	**42.00**	35—51
2.36	**37.50**	24—39
1.18	**24.00**	15—30
0.3	**16.90**	09—19
0.075	**4.80**	03—08

* As furnished by Client.
The Results relate only to the items tested.

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22/04/2015

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